

CLAIMS

1. An ultrasonic diagnostic equipment which performs parallel reception, wherein when the parallel reception is performed with linear scanning using an array element, a movement track of focus points in reception dynamic focusing is meandered in relation to transmission focus positions so that a composite beam of a received beam and a transmitted beam is substantially shaped as a straight line.

2. An ultrasonic diagnostic equipment which performs parallel reception, wherein when the parallel reception is performed with linear scanning using an array element, a movement track of focus points in reception dynamic focusing is moved in the slanting straight line direction with respect to the transmission direction in relation to transmission focus positions so that a composite beam of a received beam and a transmitted beam is substantially shaped as a straight line at least in areas having shallower depths than the focus position of the transmitted beam.

3. An ultrasonic diagnostic equipment which performs parallel reception, wherein when the parallel reception is performed with sector scanning using an array element, a movement track of focus points in reception dynamic focusing is meandered in relation to transmission focus positions so that a composite beam of a received beam and a transmitted beam is substantially shaped as a straight line.

4. An ultrasonic diagnostic equipment which performs parallel reception, wherein when the parallel reception is performed with sector scanning using an array element, a movement track of focus points in reception dynamic focusing is moved in the slanting straight line direction with respect to the transmission direction in relation to transmission focus positions so that a composite beam of a received beam and a transmitted beam is substantially shaped as a straight line at least in areas having shallower depths than the focus position of the transmitted beam.

5. The ultrasonic diagnostic equipment according to any of Claims 1 to 4, wherein the movement of the focus points is performed by controlling delay times corresponding to the respective elements constituting the array element.

6. The ultrasonic diagnostic equipment according to any of Claims 1 to 4, wherein the movement of the focus points is performed by controlling gains of the receiving circuit, the gains corresponding to the respective elements constituting the array element, or controlling both the gains of the receiving circuit and the delay times.

7. The ultrasonic diagnostic equipment according to any of Claims 3 to 6, wherein the array element is a two-dimensional array element.